

SPARE PARTS
FOR HYDRAULIC MOTORS TYPE HR...U...C, 41513600XX

Item	Spare Parts	Code No	Number per Motor
1	<u>SCREW</u>		
	For HR... M6x20-12.9	MP08V019	6
	For HRQ... M5x16-12.9	MP08V017	8
2	SPRING WASHER 6H (without HRQ...)	MP023B008	6
3	DUST SEAL 28,5x35x2	MP013V021	1
4	<u>SPIGOT FLANGE</u>		
	For HR...U...C	43162 025 00	1
	For HRQ...U...C	43162 029 00	1
5	SHAFT SEAL 28,56x42x5,5 HP-20	MP015V025	1
6	<u>"O" RING</u>		
	For HR... "O" RING 48x2	MP011V016	1
	For HRQ... CANT SEAL 47,35x1,68x1,68	MP012V007	1
7	<u>THRUST WASHER</u>		
	For HR...U...C	49891 597 00	1
	For HRQ...U...C	49891 598 00	1
8	AXIAL NEEDLE BEARING ARK 28.65x42x4.5	MP10V003	1
9	CASTELLATED NUT (For HR...T) 3/4-16UNF	49817 004 00	1
10	<u>KEY</u>		
	For HR...C 1/4x1" woodruff key	56231 005 00	1
	For HR...T 3/16x3/4" parallel key	56231 008 00	1
11	<u>SHAFT **</u>		
	For HR...C Shaft 1.0 in, straight key	41344 506 00	1
	For HR...G Shaft 1.0 in,SAE 6B,splined	41344 508 00	1
	For HR...S Shaft 7/8 in, 13T splined SAEB	41344 510 00	1
	For HR...H Shaft 1.0 in, crosshole	41344 512 00	1
	For HR...T Shaft 1.0 in, tapered J 502	41344 514 00	1
11.1	<u>SHAFT -RS**</u>		
	For HR...C-RS Shaft 1.0 in, straight key	41344 506 01	1
	For HR...G-RS Shaft 1.0 in,SAE 6B,splined	41344 508 01	1
	For HR...S-RS Shaft 7/8 in, 13T splined SAEB	41344 510 01	1
	For HR...H-RS Shaft 1.0 in, crosshole	41344 512 01	1
	For HR...T-RS Shaft 1.0 in, tapered J 502	41344 514 01	1
12	<u>HOUSING **</u>		
	For HR...1 SAE A, 2x ø10	51152 007 00	1
	For HR...3 SAE A, 2x ø10	51152 008 00	1
	For HR...4 SAE A, 2x7/8-14 UNF	51152 009 00	1
	For HR...5 SAE A, 2x1/2-14 NPTF	51152 010 00	1
	For HRQ...1 square, 2xø10	51152 015 00	1
	For HRQ...3 square, 2xø10	51152 016 00	1
	For HRQ...4 square, 2x7/8-14 UNF	51152 017 00	1
For HRQ...5 square, 2x1/2-14 NPTF	51152 018 00	1	
12.1	<u>HOUSING -RS**</u>		
	For HR...1-RS SAE A, 2x ø10	51152 007 01	1

Item	Spare Parts	Code No	Number per Motor
	For HR...3-RS SAE A, 2x ϕ 10	51152 008 01	1
	For HR...4-RS SAE A, 2x7/8-14 UNF	51152 009 01	1
	For HR...5-RS SAE A, 2x1/2-14 NPTF	51152 010 01	1
	For HRQ...1-RS square, 2x ϕ 10	51152 015 01	1
	For HRQ...3-RS square, 2x ϕ 10	51152 016 01	1
	For HRQ...4-RS square, 2x7/8-14 UNF	51152 017 01	1
	For HRQ...5-RS square, 2x1/2-14 NPTF	51152 018 01	1
14	"O" RING 90x2	MP011B028	1
15	<u>CARDAN SHAFT, mm[in]</u>		
	For HR... 50 L=77 [3.031]	46457 132 00	1
	For HR... 80 L=82 [3.228]	46457 133 00	1
	For HR...100 L=85 [3.346]	46457 134 00	1
	For HR...125 L=90 [3.543]	46457 138 00	1
	For HR...160 L=96 [3.78]	46457 139 00	1
	For HR...200 L=103 [4.055]	46457 141 00	1
	For HR...250 L=111 [4.37]	46457 142 00	1
	For HR...315 L=123 [4.843]	46457 144 00	1
	For HR...400 L=138 [5.433]	46457 147 00	1
16	DISTRIBUTOR PLATE	43142 002 00	1
17	"O" RING 90x2	MP011B028	2
18	<u>GEROTOR SET</u>		
	For HR... 50 W=9,0 mm	129 5400 100	1
	For HR... 80 W=14,0 mm	129 5400 110	1
	For HR...100 W= 17,4 mm	129 5400 120	1
	For HR...125 W= 21,8 mm	129 5400 130	1
	For HR...160 W= 27,8 mm	129 5400 140	1
	For HR...200 W= 34,8 mm	129 5400 150	1
	For HR...250 W= 43,5 mm	129 5400 160	1
	For HR...315 W= 54,8 mm	129 5400 170	1
	For HR...400 W= 69,4 mm	129 5400 180	1
19	<u>END COVER</u>		
	For HR...U...C	43142 114 00	1
	For HR...U1...C	43142 727 00	1
20	WASHER 8x12	49891 500 00	7
21	<u>SCREW M8x1xL</u>		
	For HR... 50 L=40 mm	MP08V003	7
	For HR... 80 L=45 mm	MP08V004	7
	For HR...100 L=50 mm	MP08V005	7
	For HR...125 L=55 mm	MP08V006	7
	For HR...160 L=60 mm	MP08V007	7
	For HR...200 L=65 mm	MP08V008	7
	For HR...250 L=75 mm	MP08V010	7
	For HR...315 L=85 mm	MP08V012	7
	For HR...400 L=100 mm	MP08V014	7
22	NAME PLATE	49961 890 00	1
23	RIVET 2x5	MP08B057	2

Item	Spare Parts		Code No	Number per Motor
24	"O" RING	9x1,8 (not for HR...U1)	MP011V003	1
25	PLUG	7/16-20 UNF(not for HR...U1)	49561 242 00	1
26	PLUG 9	(for HR-RS only)	MP065014	1

NOTES: * - Contained in Seal Kits Code No 41 5136 0001, 41 5123 0006
**- Separate housing or shaft not available

Seal Kit for HR...U...C

Item	Spare Parts		Code No 41 5136 0001	Number per Motor
3	DUST SEAL	28,5x35x2		1
5	SHAFT SEAL	28,56x42x5,5 HP-20		1
6	"O" RING	48x2		1
14	"O" RING	90x2		3
24	"O" RING	9x1,8 (not for HR...U1)		1

Seal Kit for HRQ...U...C

Item	Spare Parts		Code No 41 5136 0006	Number per Motor
3	DUST SEAL	28,5x35x2		1
5	SHAFT SEAL	28,56x42x5,5 HP-20		1
6	CANT SEAL	47,35x1,68x1,68		1
14	"O" RING	90x2		3
24	"O" RING	9x1,8 (not for HR...U1)		1

Tightening Torques

Item	Tightening Torque, daNm [lb-in]
1	1,0÷1,2 [88÷106]
21	4÷4,2 [355÷370]
25	2÷2,3 [177÷204]
1 for HPQ...[SCREW M5x16] are sticked	1,0÷1,2 [88÷106]

